

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/671,763
Filing Date	September 26, 2003
First Named Inventor	Yukihisa TAKEUCHI
Art Unit	2879
Examiner Name	Anthony T. Perry
Confirmation No.	9308
Attorney Docket No.	789_117

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
AP	CI	6,313,815	11/06/2001	Takeda et al.				
AP	CJ	6,285,123	09/04/2001	Yamada et al.				
AP	CK	5,666,019	09/09/1997	Potter				

U.S. RELATED COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
AP	CL	10/919,747	08/17/2001	Takeuchi et al.	789_118 CIP2		
AP	CM	10/901,932	07/29/2004	Takeuchi et al.	789_118 CIP5		
AP	CN	10/919,678	08/17/2004	Takeuchi et al.	789_133		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

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Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
ATP	BI	5,508,590	04/16/1996	Sampayan et al.				
ATP	BJ	5,453,661	09/26/1995	Auciello et al.				
ATP	BK	6,157,145	12/5/2000	Vollkommer et al.				

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
ATP	BL	10/719,521	11/21/2003	Takeuchi et al.	789_120		
ATP	BM	10/719,596	11/21/2003	Takeuchi et al.	789_121		
ATP	BN	10/730,754	12/08/2003	Takeuchi et al.	789_118 CIP		
ATP	BO	10/731,901	12/09/2003	Takeuchi et al.	789_122		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
ATP	BP	3833604	04/05/1990	DE			✓	
ATP	BQ	2639151	05/18/1990	FR			✓	
ATP	BR	428853	05/29/1991	EP			✓	

OTHER DOCUMENTS

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1/9/06

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Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
AP	CE 10/808,258	3/24/2004	Takeuchi et al	789 123		

FOREIGN PATENT DOCUMENTS

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U.S. RELATED COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
ATP	DC	10/951,509	09/28/2004	Takeuchi et al.	789_118 CIP3		
ATP	DD	10/950,976	09/27/2004	Takeuchi et al.	789_118 CIP6		
ATP	DE	10/952,524	09/28/2004	Takeuchi et al.	789_135		
ATP	DF	10/951,832	09/28/2004	Takeuchi et al.	789_136		

FOREIGN PATENT DOCUMENTS

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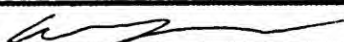
Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
ATP	BA	10/374,955	02/25/2003	Takeuchi et al.	789 105		
ATP	BB	10/459,415	06/11/2003	Takeuchi et al.	789 108 CIP		
ATP	BC	10/459,110	06/11/2003	Takeuchi et al.	789 109 CIP		
ATP	BD	10/459,416	06/11/2003	Takeuchi et al.	789 110 CIP		
ATP	BE	10/459,386	06/11/2003	Takeuchi et al.	789 111 CIP		
ATP	BF	10/647,794	08/25/2003	Takeuchi et al.	789 115		
ATP	BG	10/673,384	09/26/2003	Takeuchi et al.	789 116		
ATP	BH	10/699,186	10/31/2003	Takeuchi et al.	789 119		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

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				Application Number	
				Filing Date	Concurrently Herewith
				First Named Inventor	Yukihisa TAKEUCHI
				Art Unit	
				Examiner Name	
				Confirmation No.	
Sheet	1	of	2	Attorney Docket No.	789 117

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
ADP		5,874,802	02-23-1999	Choi et al.				
ADP		2002/0153827	10-24-2002	Takeuchi et al.				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
ADP	AA	1-311533 A ✓	12-15-1989	JP				✓
	AB	7-147131 A	06-06-1995	JP			JPO Machine Translation	✓
	AC	2000-285801 A	10-13-2000	JP			JPO Machine Translation	✓
	AD	46-20944	06-12-1971	JP			✓	
	AE	44-26125	11-04-1969	JP			✓	
	AF	11-185600	07-09-1999	JP			JPO Machine Translation	✓
	AG	10-27539 A	01-27-1998	JP			JPO Machine Translation	✓
	AH	11-288249 A	10-19-1999	JP			JPO Machine Translation	✓
	AI	63-150837 A	06-23-1988	JP				✓
	AJ	09-090882 A	04-04-1997	JP			JPO Machine Translation	✓
	AK	59-208587	11-26-1984	JP			Partial	
	AL	3160213 B2	02-16-2001	JP			JPO Machine Translation	✓
	AM	0 953 958 A2	11-03-1999	EP				
	AN	2000-310970 A	11-07-2000	JP			JPO Machine Translation	✓
	AP	AO	02/052600 A1	07-04-2002	WO			

Examiner:		Date Considered:	1/9/06
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				First Named Inventor	Yukihisa TAKEUCHI
				Art Unit	
				Examiner Name	
Confirmation No.					
Sheet	2	of	2	Attorney Docket No.	789_116

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

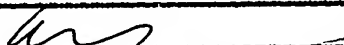
U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

APV	AP	"Pulsed Electron Source Using a Ferroelectric Cathode," Tokyo Institute of Technology, Vol. 68, No. 5, 7 January 1999, pp. 546-550.
APV	AQ	Puchkarev, Victor F. and Mesyats, Gennady A., "On the Mechanism of Emission from the Ferroelectric Ceramic Cathode," Journal of Applied Physics, Vol. 78, No. 9, 1 November 1995, pp. 5633-5637.
APV	AR	Riege, H., "Electron Emission from Ferroelectrics - a Review," Nucl. Instr. and Meth. A340, 1994, pp. 80-89.
APV	AS	Masatoshi Miyake et al., "Electron Emission from Ferroelectric Cathodes Excited by Pulsed Voltage," Tokyo Institute of Technology, Vol. 119, No. 5, 1999 pp. 622-627.

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				First Named Inventor	Yukihisa TAKEUCHI
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Sheet	1	of	1	Attorney Docket No.	789_117

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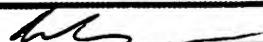
Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
AP	DG	5,343,052	08/30/1994	Oohata et al.				
AP	DH	5,631,524	05/20/1997	Matsuzaki et al.				
AP	DI	2004/0046490	03/11/2004	Doll				
AP	DJ	5,657,054	08/12/1997	Files et al.				

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

APY	DB	Kanemaru, Seigou, "Featuring: All About Flat Displays 2000, Leading Technological Trend of FEDs," Electronic Engineering, Nikkan Kogyo Shimbun, Ltd., July 2000, pp. 38-41 (with partial translation).

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Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
ATX	CO	2002/0060516 A1	05/23/2002	Kawate et al.				
	CP	6,580,108 B1	06/17/2003	Utsumi et al.				
	CQ	6,452,328 B1	09/17/2002	Saito et al.				
	CR	6,469,452 B2	10/22/2002	Seo et al.				
	CS	6,359,383 B1	03/19/2002	Chuang et al.				
	CT	6,274,881 B1	08/14/2001	Akiyama et al.				
	CU	6,184,612 B1	02/06/2001	Negishi et al.				
	CV	6,153,978	11/28/2000	Okamoto				
	CW	6,040,973	03/21/2000	Okamoto et al.				
	CX	5,990,605	11/23/1999	Yoshikawa et al.				
	CY	5,877,594	03/02/1999	Miyano et al.				
	CZ	5,729,094	03/17/1998	Geis et al.				
	DA	5,726,524	03/10/1998	Debe				

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FOREIGN PATENT DOCUMENTS

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ADP	CH	08-111166	04/30/1996	JP			✓	✓

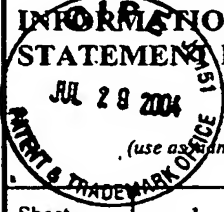
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ATP	CF	3214256	7/27/2001	JP			Complete English Translation	

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ATP	BS	5,280,221	01/18/1994	Okamoto et al.				
ATP	BT	5,747,926	05/05/1998	Nakamoto et al.				
ATP	BU	6,198,225	03/06/2001	Kano et al.				
ATD	BV	6,479,924	11/12/2002	Yoo				

FOREIGN PATENT DOCUMENTS

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ATP	BW	2675306	10/16/1992	FR				✓
ATP	BX	2789221	08/04/2000	FR				✓
ATP	BY	2789223	08/04/2000	FR				✓
ATD	BZ	10057072	05/23/2001	DE				✓
ATD	CA	0 353 632	02/07/1990	EP				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

ATP	CB	G. Benedek et al., "Electron Emission From Ferroelectric/Antiferroelectric Cathodes Excited by Short High-Voltage Pulses", Journal Applied Physics, Vol. 81, No. 3, 1 February 1997, pages 1396-1403						
ATP	CC	Gundel, H. et al., "Low Pressure Hollow Cathode Switch Triggered by a Pulsed Electron Beam Emitted From Ferroelectrics", Applied Physics Letter, American Institute of Physics, New York, US Vol. 54, No. 21, 22 May 1989, pages 2071-2073						
ATP	CD	Gundel, H. et al., "Time-Dependent Electron Emission From Ferroelectrics by External Pulsed Electric Fields", Journal of Applied Physics, American Institute of Physics, New York, US Vol. 69, No. 2, 15 January 1991, pages 975-982						

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